



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 14, 2015

Jeff Peterson
Farm Country Salt LLC
P.O. Box 253
Redmond, Utah 84652

Subject: Requested Information about Mine Reclamation, Farm Country Salt LLC, Farm Country Salt Mine, S/039/0036, Sanpete County, Utah

Dear Mr. Peterson,

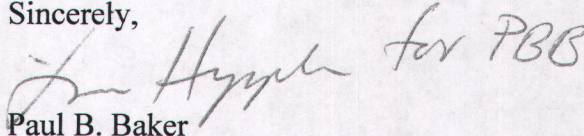
The Division of Oil, Gas and Mining recently received a phone call from Bonnie Peterson, who requested information regarding the requirements for mine reclamation, specifically for the Farm Country Salt Mine. She is being copied on this letter together with the following enclosed information:

- 1) Reclamation Practices (Utah Administrative Code Annotated, R647-3-109)
- 2) Seed mix (recommended by the Division for Sanpete County)
- 3) List of seed suppliers (Source: Utah State University)
- 4) Application for Bond Release (For signature by a registered principal of Farm Country Salt LLC)

Ms. Peterson also requested information regarding to whom the surety would be released. The certificate of deposit (CD) being held as reclamation surety is owned by Farm Country Salt LLC. When reclamation is complete, or when the Division has received a replacement surety, the Division would authorize Zions First National Bank to release the CD. At that point, the CD could be withdrawn or left in the bank just as any other CD would. This would be at the discretion of the owner, Farm Country Salt LLC.

In reply, please refer to file number S/039/0036. Please contact Peter Brinton at 801-538-5258 or Paul Baker at 801-538-5261 if you have questions or concerns.

Sincerely,



Paul B. Baker
Minerals Program Manager

PBB:pnb:pb

cc: David & Bonnie Peterson; P.O. Box 121, Redmond, Utah 84652 (w/ enclosures)
Clair & Marsha Nielson, landowners (1060 East 650 North, Orem, Utah 84097)
Larry & Echo Nielson, landowners (173 South 375 West, Ivins, Utah 84738)
P:\GROUPS\MINERALS\WP\M039-Sanpete\S0390036-FarmCountrySaltMine\final\Letter-09142015.docx



R647-3-109. Reclamation Practices.

During reclamation, the operator shall conform to the following practices unless the Division grants a variance in writing:

1. Public Safety and Welfare - The operator shall minimize hazards to the public safety and welfare following completion of operations. Methods to minimize hazards shall include but not be limited to:

- 1.11. The permanent sealing of shafts and tunnels;
- 1.12. The disposal of trash, scrap metal and wood, buildings, extraneous debris, and other materials incident to mining;
- 1.13. The plugging of drill, core, or other exploratory holes as set forth in Rule R647-3-108;
- 1.14. The posting of appropriate warning signs in locations where public access to operations is readily available;
- 1.15. The construction of berms, fences and/or barriers above highwalls or other excavations when required by the Division.

2. Drainages - If natural channels have been affected by mining operations, then reclamation must be performed such that the channels will be left in a stable condition with respect to actual and reasonably expected water flow so as to avoid or minimize future damage to the hydrologic system.

3. Erosion Control - Reclamation shall be conducted in a manner such that sediment from disturbed areas is adequately controlled. The degree of erosion control shall be appropriate for the site-specific and regional conditions of topography, soil, drainage, water quality or other characteristics.

4. Deleterious Materials - All deleterious or potentially deleterious material shall be safely removed from the site or left in an isolated or neutralized condition such that adverse environmental effects are eliminated or controlled.

5. Land Use - The operator shall leave the on-site area in a condition which is capable of supporting the postmining land use.

6. Slopes - Waste piles, spoil piles and fills shall be regraded to a stable configuration and shall be sloped to minimize safety hazards and erosion while providing for successful revegetation.

7. Highwalls - In surface mining and in open cuts for pads or roadways, highwalls shall be reclaimed and stabilized by backfilling against them or by cutting the wall back to achieve a slope angle of 45 degrees or less.

8. Roads and Pads - On-site roads and pads shall be reclaimed when they are no longer needed for operations. When a road or pad is to be turned over to the property owner or managing agency for continuing use, the operator shall turn over the property with adequate surface drainage structures and in a condition suitable for continued use.

9. Dams and Impoundments - Water impounding structures shall be reclaimed so as to be self-draining and mechanically stable unless shown to have sound hydrologic design and to be beneficial to the postmining land use.

10. Trenches and Pits - Trenches and small pits shall be reclaimed.

11. Structures and Equipment - Structures, rail lines, utility connections, equipment, and debris shall be buried or removed.

12. Topsoil Redistribution - After final grading, soil materials shall be redistributed on a stable surface, so as to minimize erosion, prevent undue compaction and promote revegetation.

13. Revegetation - The species seeded shall include adaptable perennial species that will grow on the site, provide basic soil and watershed protection, and support the postmining land use.

Revegetation shall be considered accomplished when:

13.11. The revegetation has achieved 70 percent of the premining vegetative ground cover. If the premining vegetative ground cover of the disturbed area is unknown, then the ground cover of an adjacent undisturbed area that is representative of the premining conditions will be used as a standard. Also, the vegetation has survived three growing seasons following the last seeding, fertilization or irrigation, unless such practices are to continue as part of the postmining land use; or

13.12. The Division determines that the revegetation work has been satisfactorily completed within practical limits.

14. Where reseeding has occurred and the vegetation has survived one growing season, the reseeded area shall not be included for purposes of determining whether a mining operation is a small mining operation.

Sanpete County seed mix, Northern valleys / landscape rock (recommended)

Species	Pounds Live Seed per Acre	Notes
Intermediate wheatgrass	4	
Western wheatgrass	3	
Crested wheatgrass	2	
Dry-land alfalfa	2	Ranger or Ladak
Forage kochia	0.5	
Sweet clover	0.5	
Russian wild rye	2	
Total	14	

Seed Suppliers in Utah

Beehive Seeds Inc
(435) 864-2300
990 N. 500 W.
Delta, UT 84624

Carpenter Seed Co
(801) 373-3740
1030 S. State St.
Provo, UT 84606

Central Utah Seed
(435) 283-4344
825 N. 400 E.
Ephraim, UT 84627

Coble Seed Co.
(435) 528-3234
P.O. Box 175
Gunnison, UT 84634

Granite Seed Co
(801) 768-4422
1697 W. 2100 N.
Lehi, UT 84043

Intermountain Seed Co.
(435) 283-4383
445 S. 100 E.
Box 74 or Box 62
Ephraim, UT 84627

Maple Leaf Co
(435) 283-4400
450 S. 50 E.
Ephraim, UT 84627

Maughan Seed Co
(435) 835-0401
194 W. 300 S.
Manti, UT

Mountain Wildland Seed Co.
(435) 283-4701
Box 3201
Logan, UT 84321



Native Plants Inc.
(801) 533-8498
417 Wakara Way
Salt Lake City, UT 84108

Plummer Seed Co
(435) 283-4844
228 E. 200 N.
Ephraim, UT 84627

Porter Lane Nursery
(801) 533-8498
262 W 400 S
Centerville, UT 84014

Progressive Plants
(801) 942-7333
9180 S. Wasatch Blvd.
Sandy, UT 84093

Rocky Mountain Seed & Grain
(801) 569-2322
14807 Heritagecrest Way
Riverton, UT 84065

Seeds & More
(801) 375-9477
1405 Oakcrest Ln
Provo, UT

Steve Regan Co.
(801) 268-4500
4215 S. 500 W.
Murray, UT 84123
Other Locations: Richfield,
Spanish Fork, Delta, Logan, St.
George, Caldwell

Stevens Bros Wildland Seeds &
Nursery
Box 496
Ephraim, UT 84627

Stevenson Intermountain Seed
(435) 283-6639
488 S. 100 E.
Box 2
Ephraim, UT 84627

William Roger Steward and Sons
Box 124
Ephraim, UT 84627

If you would like to be added or removed from this list please contact Darren McAvoy at darren.mcavoy@usu.edu or (435) 797-0560.

This list does not include every supplier in the state; some declined the offer of inclusion in this article, others did not return inquiries, and still others exist without the author's knowledge. This list does not endorse one supplier over another in any way.

Updated on 6/13/2011